meross MSS620

meross Outdoor Smart Plug Instruction Manual

Model: MSS620

1. Introduction

The meross Outdoor Smart Plug (Model MSS620) is a versatile Wi-Fi enabled outdoor outlet designed to provide convenient control over your outdoor electrical appliances. With two independently controllable grounded outlets, it allows for remote management, voice control via Amazon Alexa, Google Assistant, and SmartThings, and programmable scheduling. Its IP44 weatherproof design ensures durability for outdoor use.



Image: meross Outdoor Smart Plug, showing its two outlets and compact design.

2. Safety Information

WARNING:

- DO NOT plug in any appliance over 15A.
- DO NOT use high power appliances such as pump, pool, filter, and motor.
- Any violation might damage the device, or cause a fire.

The meross Outdoor Smart Plug features an IP44 weatherproof housing, indicating it is protected against solid objects larger than 1mm and against splashing water from any direction. While designed for outdoor use, it is important to ensure proper installation and avoid submersion in water. Always ensure the outlet covers are securely closed when not in use to

maintain weather resistance.
For optimal safety, ensure the device is installed in a location where it is not directly exposed to heavy rain or standing water. If the device shows any signs of damage or corrosion, discontinue use immediately and contact support.

3. Package Contents

- 1 x meross Outdoor Smart Plug (Model MSS620)
- 1 x User Manual

4. Product Features

- **For Outdoor and Indoor Use:** IP44 weatherproof housing and sockets cover. Ideal for various outdoor and indoor applications such as garden, backyard, Christmas tree lighting, kitchen, landscape lighting, bathroom, porch, balcony, garage, basement, patio, electric grill, sprinkler, washing machine, and lamps.



Image: The meross smart plug mounted outdoors, showing its splash-proof design with water droplets on its surface.

- **Remote and Voice Control:** Control the two sockets individually from anywhere, anytime. Compatible with SmartThings, Alexa, and Google Assistant. Simply use voice commands to control each individual socket. Note: Does NOT support Apple HomeKit. All data is securely transmitted and stored using AWS servers in the US.

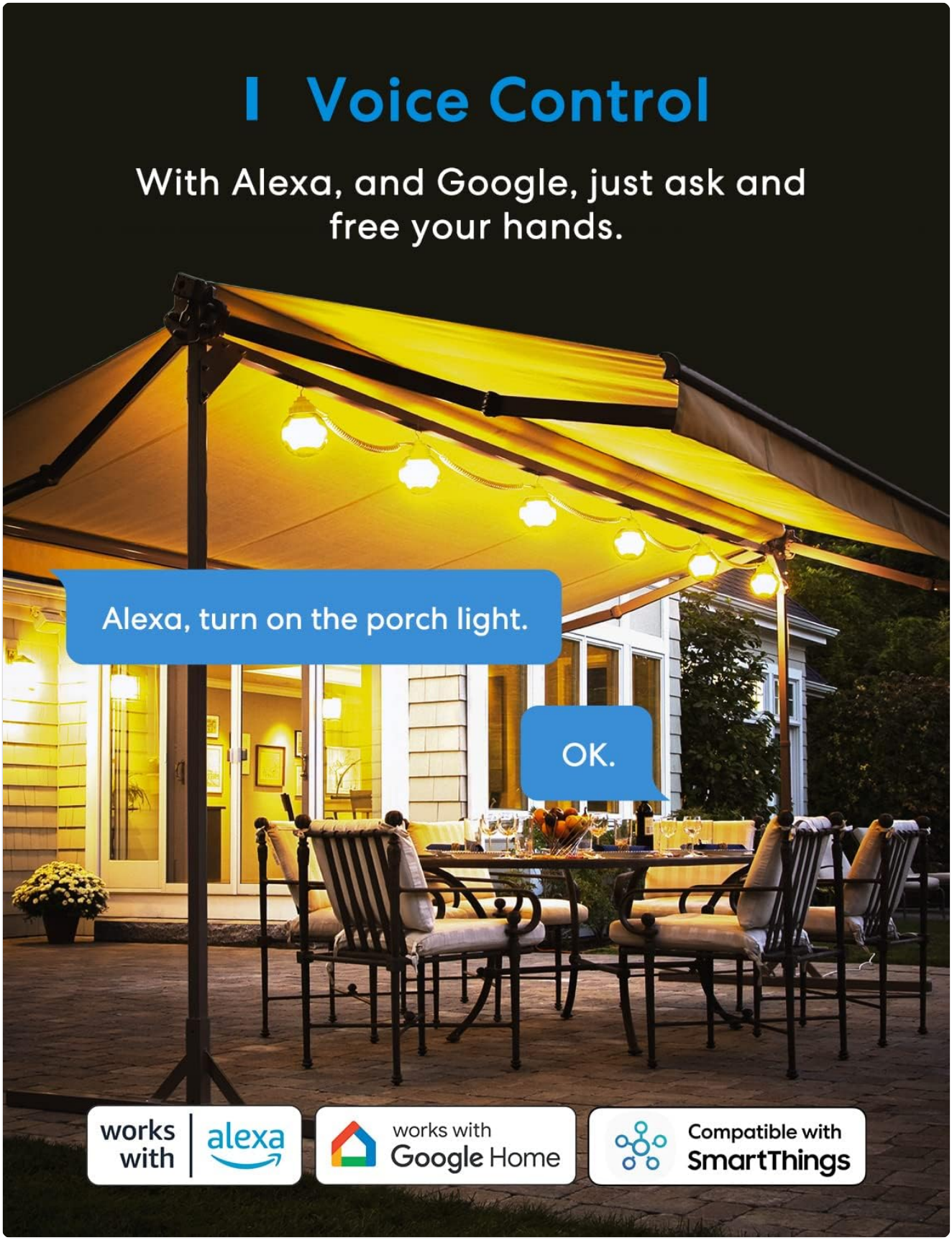


Image: A person using voice commands to control outdoor lights via a smart assistant, demonstrating the voice control feature.

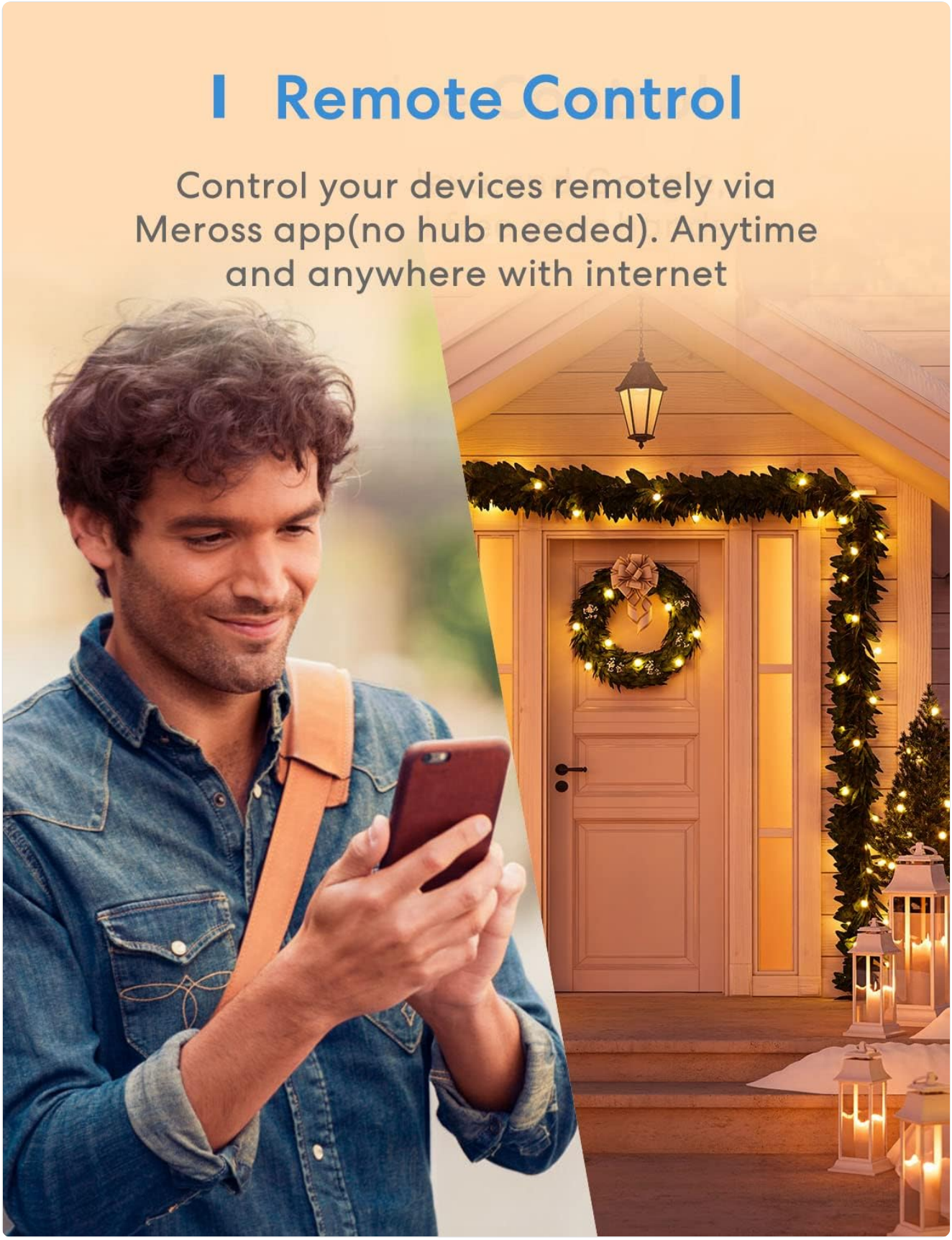


Image: A person using the Meross app on their smartphone to remotely control outdoor lighting, highlighting the remote control capability.

- **Two Individual Outlets:** Each of the two grounded outlets can be controlled independently.



Image: The smart plug with two cords plugged in, illustrating how each outlet can be controlled separately for different devices like string lights and pool lights.

- **Schedule and Timer Setting:** Schedule each socket to turn on and off automatically. This feature helps save energy by ensuring appliances are not left on unnecessarily. Supports sunrise and sunset settings.

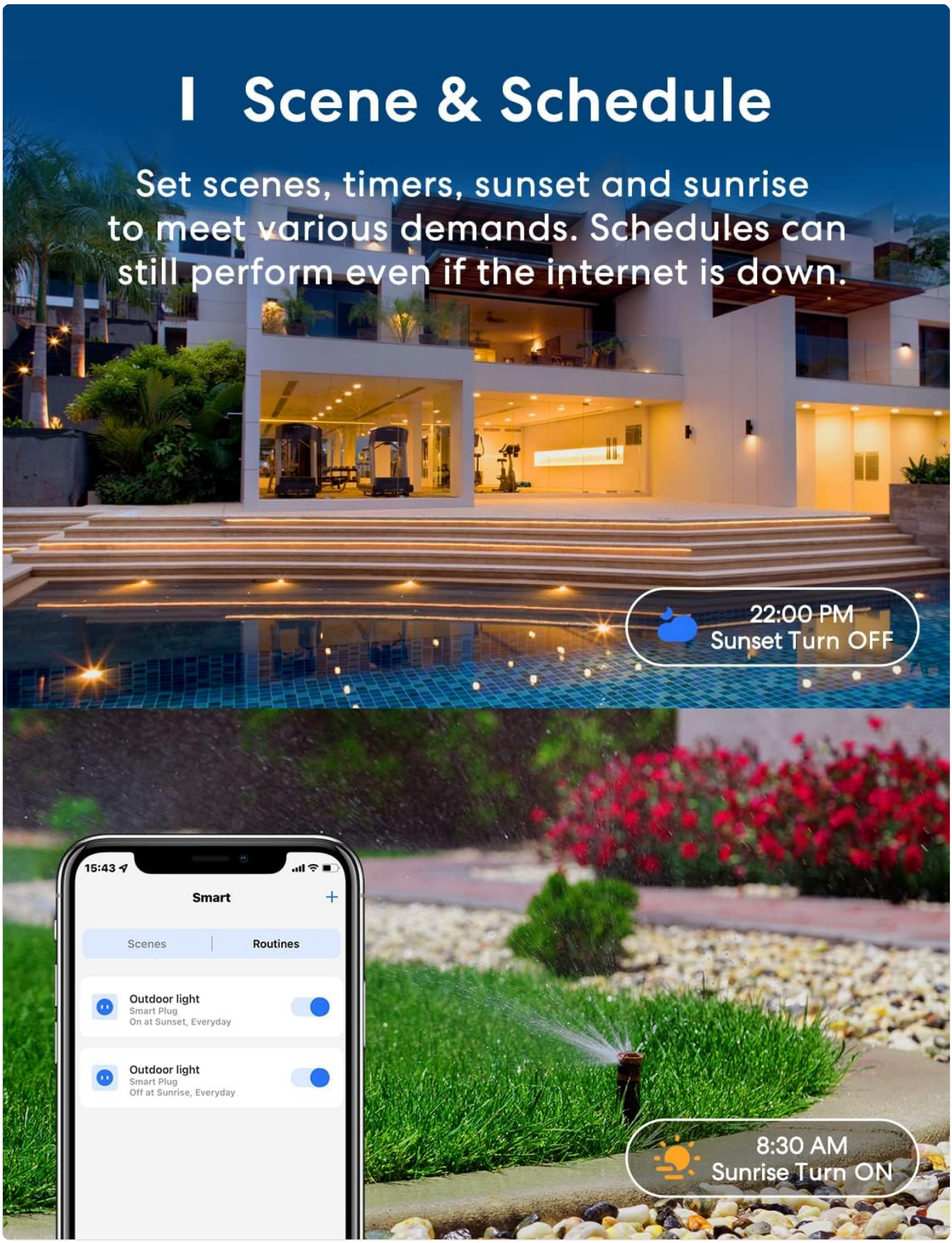


Image: A visual representation of scheduling, showing outdoor lights turning off at sunset and a sprinkler turning on at sunrise, managed via the app.

- **Reliable Connection:** Powered by a Mediatek IoT chipset, the Meross smart outdoor plug offers a longer Wi-Fi connection range and a lower offline rate. This makes it suitable for areas like gardens, backyards, porches, balconies, garages, or basements where home Wi-Fi coverage might be weaker.

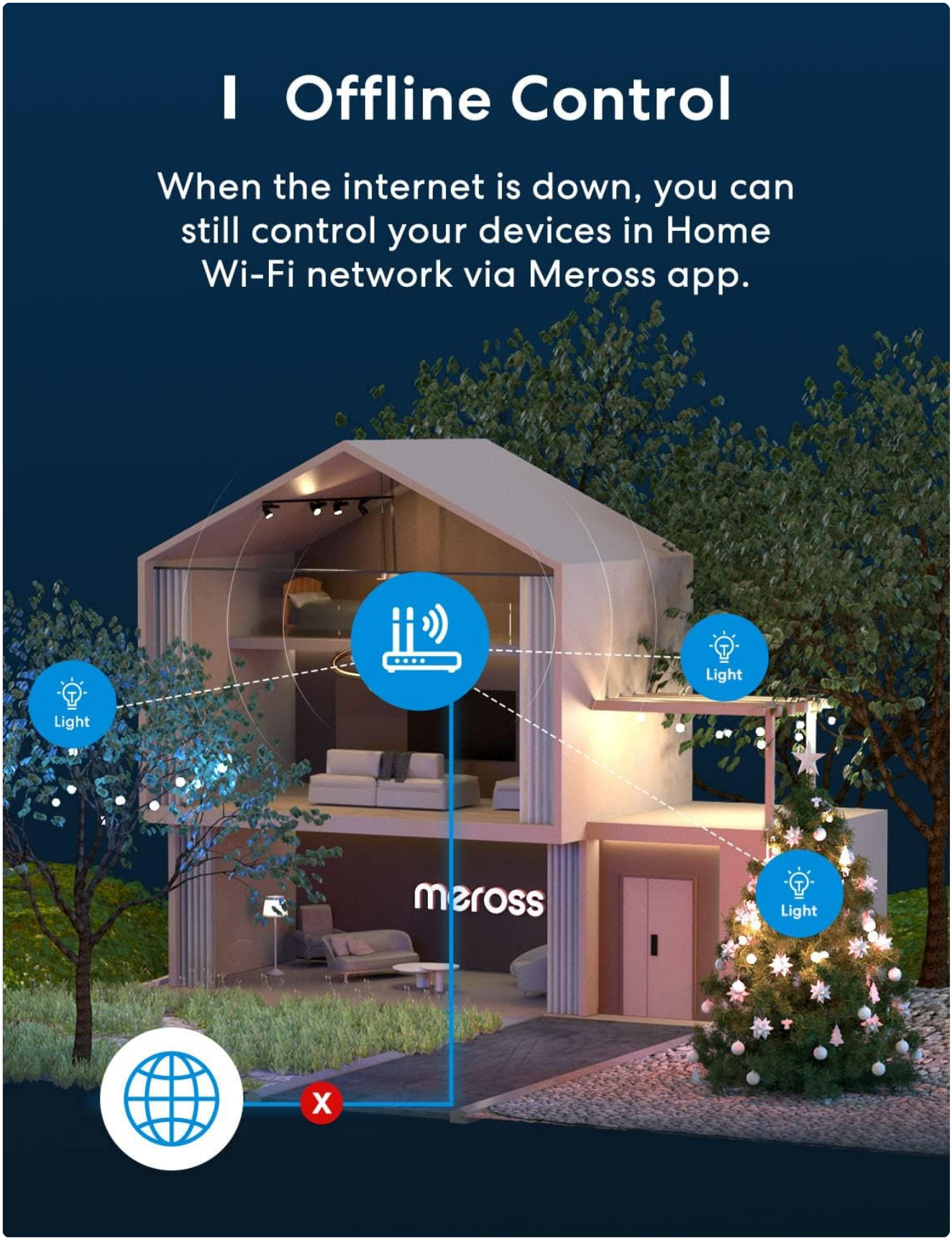


Image: A diagram showing that devices can still be controlled via the home Wi-Fi network even if the internet connection is down, demonstrating offline control.

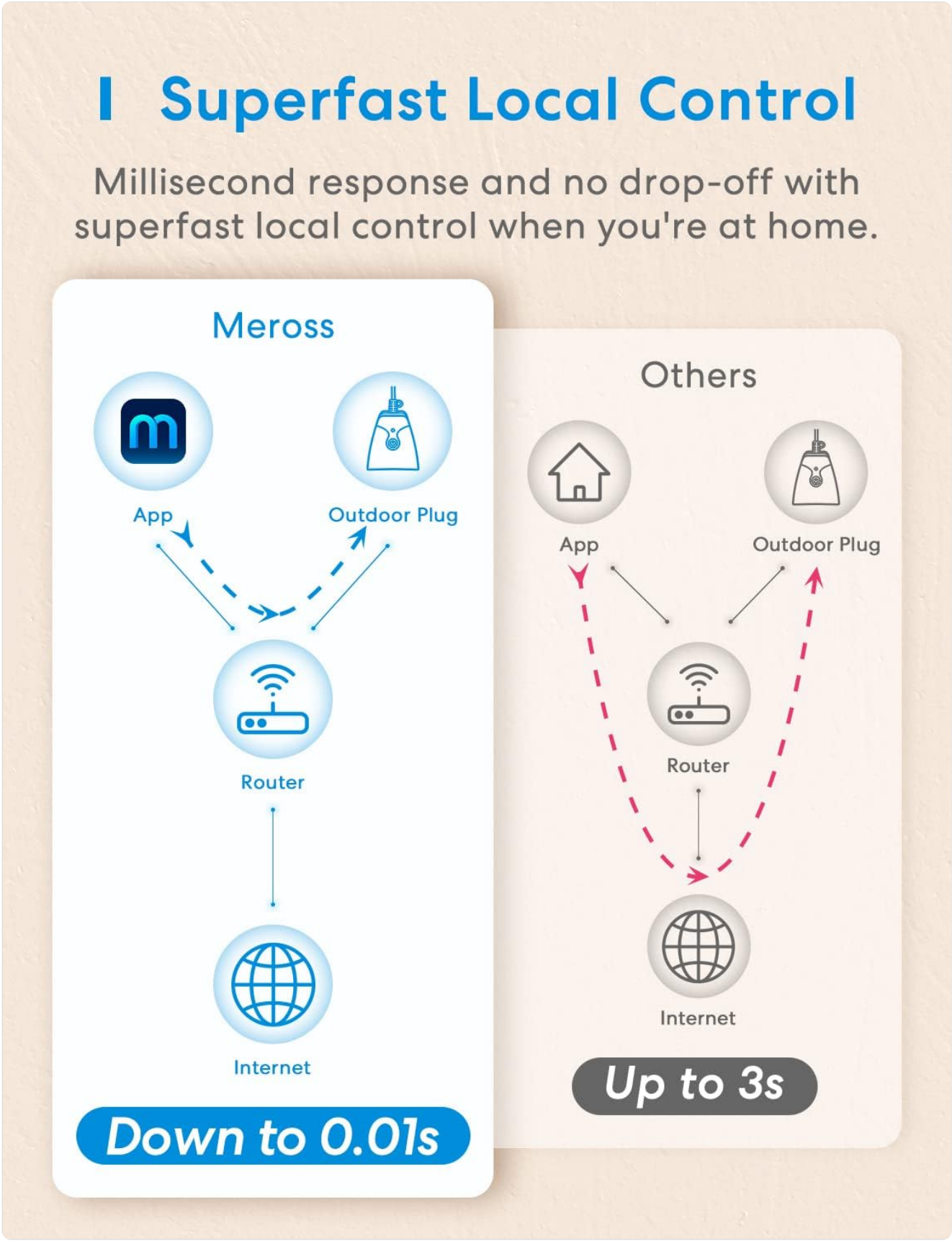


Image: A comparison diagram illustrating the faster local control response time of Meross devices (0.01s) compared to others (up to 3s) that rely on internet for every command.

5. Setup

1. **Download the Meross App:** Search for "Meross" in the Apple App Store or Google Play Store and download the official app.
2. **Power On the Device:** Plug the meross Outdoor Smart Plug into a standard electrical outlet. The LED indicator on the plug should start blinking, indicating it's in pairing mode.
3. **Add Device in App:** Open the Meross app, tap the "+" icon in the top right corner to add a new device. Follow the on-screen instructions to select your device type and connect it to your 2.4 GHz Wi-Fi network.
4. **Configure Outlets:** Once connected, you can name each individual outlet within the Meross app for easier control.
5. **Integrate with Smart Assistants:**
    - For Amazon Alexa: Enable the "Meross" skill in the Alexa app and link your Meross account.
    - For Google Assistant: Link your Meross account through the Google Home app.
    - For SmartThings: Follow the integration steps within the SmartThings app to connect your Meross devices.

Your browser does not support the video tag.

Video: Official Meross video demonstrating the features and independent control of the two outlets on the smart plug.

6. Operating Instructions

- **Manual Control:** Press the power button on the smart plug to manually turn both outlets on or off simultaneously.
- **App Control:** Use the Meross app to turn each individual outlet on or off, set schedules, timers, and manage other smart features.
- **Voice Control:** Once integrated with Alexa, Google Assistant, or SmartThings, use voice commands such as "Alexa, turn on the porch light" or "Hey Google, turn off the backyard lights" to control connected devices.
- **Scheduling:** Create custom schedules for each outlet based on time of day, sunrise/sunset, or specific days of the week to automate your devices.

7. Maintenance

- **Cleaning:** Disconnect the smart plug from power before cleaning. Wipe the exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Outdoor Placement:** Ensure the smart plug is installed in a location that minimizes direct exposure to extreme weather conditions. While IP44 rated, prolonged exposure to heavy rain or standing water can compromise its integrity.
- **Outlet Covers:** Always ensure the yellow outlet covers are securely in place when the outlets are not in use to maintain the IP44 weather resistance.

8. Troubleshooting

- **Device Offline/Disconnection:**
  - Ensure your Wi-Fi router is powered on and functioning correctly.
  - Verify the smart plug is within range of your 2.4 GHz Wi-Fi network. If the signal is weak, consider using a Wi-Fi signal amplifier to extend coverage.
  - Restart the smart plug by unplugging it for 10 seconds and plugging it back in.
  - Check for any obstructions or interference that might be blocking the Wi-Fi signal.
- **Cannot Connect to Wi-Fi:**
  - Confirm your Wi-Fi network is 2.4 GHz. The device does not support 5 GHz networks.
  - Ensure you have entered the correct Wi-Fi password.
  - Try moving the smart plug closer to your Wi-Fi router during the initial setup process.
  - Reset the smart plug to factory settings (refer to the Meross app for specific instructions on resetting).
- **Outlets Not Responding:**
  - Check if the smart plug is receiving power (LED indicator should be on).
  - Ensure the connected appliance is functioning correctly by plugging it into a regular outlet.
  - Verify that the total wattage of connected devices does not exceed 1800 watts (15 Amps). Overloading can cause the device to shut down.
- **Water Ingress/Corrosion:**
  - While IP44 rated for splashes, this device is not designed for submersion or direct exposure to high-pressure water jets.
  - If water ingress or corrosion is observed, immediately disconnect power and discontinue use. This indicates a potential failure of the weatherproofing, and continued use could be hazardous.
  - Ensure the yellow outlet covers are always properly sealed when not in use.

9. Specifications

Specification	Value
Model	MSS620
Operation Mode	ON-OFF-ON
Current Rating	15 Amps
Operating Voltage	120 Volts
Wattage	1800 watts
Connectivity Protocol	Wi-Fi (2.4 GHz only)
Controller Type	Google Assistant, SmartThings, Amazon Alexa (Apple HomeKit not Supported)
International Protection Rating	IP44
Item Dimensions (L x W x H)	5 x 2.8 x 1.5 inches

Item Weight	7.7 ounces
Color	Black
Certifications	FCC/ETL (Control Number 5012797)

10. Warranty and Support

For any problems or inquiries regarding your meross Outdoor Smart Plug, please contact meross customer support.

- Email: support@meross.com

Please refer to the official meross website or your purchase documentation for detailed warranty information, as warranty terms may vary by region and retailer.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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